

Mumps Outbreak Summary – August 9, 2017

The Oklahoma State Department of Health and local county health departments continue to investigate and provide a public health response to mumps reports. Outbreak transmission ended approximately June 30, 2017; however, small clusters among groups and institutional settings as well as sporadic cases with no linkage to other known cases continue to be identified.

Since January 1, 2017, a total of 155 mumps cases have been identified among resident of multiple counties.

2017 Case Summary

Number of outbreak-associated cases from January 1 through August 9, 2017: 155

- County of Residence:

Canadian: 1 (<1%)	Garfield: 38 (25%)	Major: 1 (<1%)	Osage: 3 (2%)
Cherokee: 1 (<1%)	Kay: 5 (3%)	McCurtain: 63 (42%)	Rogers: 2 (1%)
Choctaw: 1 (<1%)	Kiowa: 1 (<1%)	Muskogee: 1 (<1%)	Tulsa: 12 (8%)
Cleveland: 5 (3%)	Logan: 3 (2%)	Noble: 1 (<1%)	Wagoner: 2 (1%)
Creek: 1 (<1%)	Love: 1 (<1%)	Oklahoma: 13 (8%)	
- Age range: 5 m - 76 years (Median age: 22)
- Number hospitalized due to mumps: 3
- Measles, Mumps, and Rubella (MMR) vaccination history
 - Vaccinated: 73 (47%)
 - No vaccination history: 5 (3%)
 - Under age for vaccination: 1 (<1%)
 - Unknown vaccination history: 76 (49%)

Counties with Outbreak-Associated Mumps Cases
 January 1 through August 9, 2017, Oklahoma (N=155)



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Cumulative Case Summary (July 2016 through August 9, 2017)

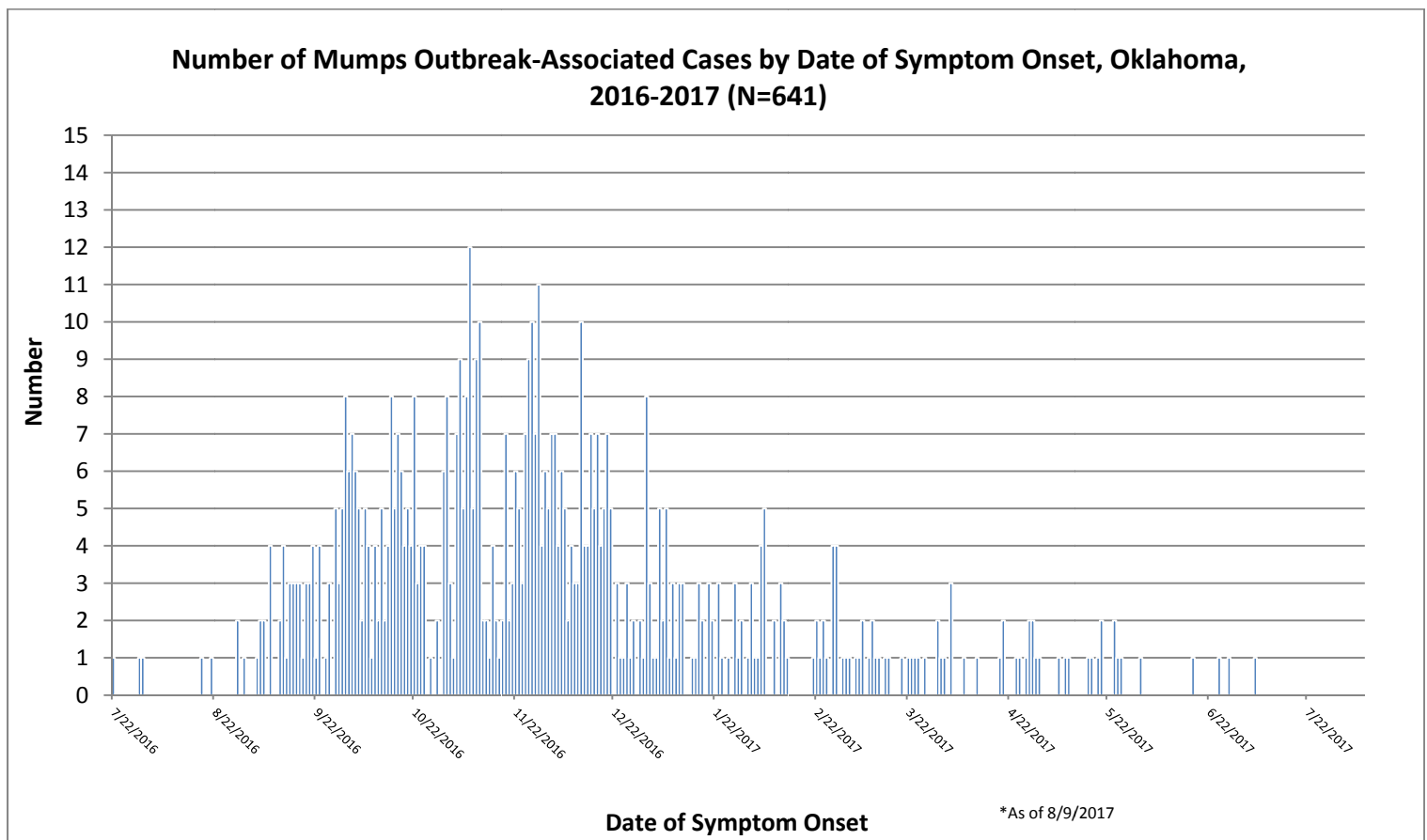
Number of outbreak-associated cases: 641

- County of Residence:

Alfalfa: 1 (<1%)	Delaware: 4 (<1%)	Major: 1 (<1%)	Rogers: 3 (<1%)
Canadian: 2 (<1%)	Garfield: 418 (66%)	McClain: 1 (<1%)	Tulsa: 13 (2%)
Cherokee: 1 (<1%)	Kay: 31 (5%)	McCurtain: 124 (19%)	Wagoner: 2 (<1%)
Choctaw: 1 (<1%)	Kingfisher: 1 (<1%)	Muskogee: 1 (<1%)	Woods: 3 (<1%)
Cleveland: 5 (<1%)	Kiowa: 1 (<1%)	Noble: 1 (<1%)	
Comanche: 2 (<1%)	Logan: 3 (<1%)	Oklahoma: 13 (2%)	
Creek: 1 (<1%)	Love: 1 (<1%)	Osage: 7 (1%)	

- Age range: 5 months - 76 years (Median age: 18 years)
- Number hospitalized due to mumps: 5
- Measles, Mumps, and Rubella (MMR) vaccination history
 - Vaccinated: 380 (59%)
 - No vaccination history: 34 (5%)
 - Under age for vaccination: 4 (<1%)
 - Unknown vaccination history: 223 (35%)

Number of additional reports under investigation: 37



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